Abstract

METHOD AND ARRANGEMENT FOR DETERMINING SPECTRAL SPEECH
CHARACTERISTICS IN A SPOKEN EXPRESSION

Spectral speech characteristics are determined in a naturally spoken with speech characteristics are determined in a naturally spoken expression, whereby the expression is digitalized and subjected to a wavelet transformation. The speaker-specific characteristics proceed from the different transformation stages of the wavelet transformation. In the course of a speech synthesis, these characteristics can be compared to characteristics of other expressions in order to generate a synthetic speech signal that sounds continuous to the human ear.

Alternatively, the characteristics can also be designationally modified in order to counter a perceptive dissonance.